

## EAST Search History

| Ref # | Hits  | Search Query                | DBs   | Default Operator | Plurals | Time Stamp          |
|-------|-------|-----------------------------|---|------------------|---------|---------------------|
| S1    | 15    | (Predictive load balanc\$4) | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ              | OFF     | 2007/08/02<br>16:29 |
| S2    | 15    | (Predictive load balanc\$4) | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ              | ON      | 2007/07/31<br>16:56 |
| S3    | 19531 | (Cable modem)               | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ              | ON      | 2007/07/31<br>16:05 |
| S4    | 1     | S2 with S3                  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ              | ON      | 2007/07/31<br>16:06 |
| S5    | 3     | S2 and S3                   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ              | ON      | 2007/07/31<br>16:11 |

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| S6  | 1    | S2 same S3              | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2007/07/31<br>16:12 |
| S7  | 169  | (static load balanc\$4) | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2007/07/31<br>17:42 |
| S8  | 8    | S7 and S3               | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2007/07/31<br>16:17 |
| S9  | 1    | S7 near4 S3             | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2007/07/31<br>16:14 |
| S10 | 1    | S7 near4 S3             | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2007/07/31<br>16:43 |
| S12 | 1095 | upstream traffic        | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2007/08/06<br>13:53 |

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| S13 | 1     | S7 with S12       | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/07/31<br>17:00 |
| S14 | 2     | S7 and S12        | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/07/31<br>17:02 |
| S15 | 372   | S12 and S3        | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/07/31<br>17:17 |
| S16 | 1     | S15 and S1        | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/07/31<br>17:03 |
| S17 | 1     | S15 and S7        | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/07/31<br>17:04 |
| S18 | 24286 | (Load balance\$4) | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/07/31<br>17:21 |

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| S19 | 4    | S18 with S12      | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2007/07/31<br>17:18 |
| S20 | 1406 | S18 and S3        | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2007/07/31<br>17:21 |
| S22 | 32   | S20 and S12       | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | OFF | 2007/08/01<br>12:26 |
| S23 | 2    | S7 same S3        | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2007/07/31<br>17:43 |
| S24 | 8    | S7 and S3         | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2007/07/31<br>17:44 |
| S25 | 1927 | 370/229,237.ccls. | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON  | 2007/08/01<br>09:10 |

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| S26 | 3667  | 370/229,230,237.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON | 2007/08/01<br>09:10 |
| S27 | 19531 | (Cable modem)           | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/08/01<br>09:10 |
| S28 | 89    | S25 and S27             | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON | 2007/08/01<br>09:19 |
| S29 | 169   | (static load balanc\$4) | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/08/01<br>09:19 |
| S30 | 1     | S28 and S29             | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON | 2007/08/01<br>12:23 |
| S31 | 3667  | 370/229,230,237.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON | 2007/08/01<br>12:24 |

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| S32 | 169   | (static load balanc\$4) | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/08/01<br>12:24 |
| S33 | 4     | S31 and S32             | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON | 2007/08/01<br>12:34 |
| S34 | 24286 | (Load balanc\$4)        | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/08/06<br>13:52 |
| S35 | 293   | S31 and S34             | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON | 2007/08/01<br>12:27 |
| S36 | 19531 | (Cable modem)           | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/08/01<br>12:27 |
| S37 | 30    | S35 and S36             | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON | 2007/08/01<br>15:25 |

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| S38 | 3   | (Predictive load balanc\$4)and S36             | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2007/08/01<br>12:38 |
| S39 | 1   | (Load balanc\$4)near5 (upstream traffic)       | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2007/08/01<br>12:41 |
| S40 | 5   | (Load balanc\$4)same(upstream traffic)         | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2007/08/01<br>12:42 |
| S41 | 380 | (MTA or (multimedia terminal adapter)) and S36 | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2007/09/10<br>13:08 |
| S42 | 1   | S32 and S41                                    | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2007/08/01<br>12:44 |
| S43 | 14  | S34 and S41                                    | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2007/08/01<br>12:44 |

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| S44 | 3173    | upstream channel                                   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2007/08/01<br>13:51 |
| S45 | 2       | S32 with S44                                       | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2007/08/01<br>13:52 |
| S47 | 170     | S36 with (MTA multimedia adj terminal adj adaptor) | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | OFF | 2007/08/02<br>14:12 |
| S48 | 1       | S32 and S47  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | OFF | 2007/08/01<br>14:02 |
| S50 | 50      | S41 and S44  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2007/08/01<br>18:23 |
| S51 | 8922130 | (cable modem termination system) or CMTS           | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON  | 2007/08/01<br>15:26 |



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| S52 | 3486  | S31 and S51                             | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON | 2007/08/01<br>15:27 |
| S53 | 4     | S52 and S47                             | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON | 2007/08/01<br>15:30 |
| S54 | 8     | S52 and S34 and S44                     | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON | 2007/08/01<br>15:31 |
| S55 | 2     | S35 and S47                             | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/08/01<br>18:25 |
| S56 | 10129 | 370/229,230,230.1,321,235,465,468.ccls. | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON | 2007/08/02<br>15:32 |
| S57 | 1406  | 725/93,95,111,116.ccls.                 | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON | 2007/08/02<br>11:27 |

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| S58 | 41    | S56 and S57   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON | 2007/08/02<br>11:28 |
| S59 | 11494 | S56 or S57  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON | 2007/08/02<br>14:00 |
| S60 | 193   | (Predict\$4 data flow) or (static load balanc\$4)   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/08/02<br>14:04 |
| S61 | 7     | S59 and S60   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/08/02<br>14:02 |
| S63 | 7     | S56 and S60   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON | 2007/08/02<br>14:01 |
| S64 | 182   | (Predict\$4 data flow control) or ((static or (predefined))<br>(load or traffic) balanc\$4) | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/08/02<br>14:48 |

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| S65 | 5     | S56 and S64  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2007/08/02<br>14:06 |
| S66 | 19582 | (Cable modem)                                      | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2007/08/02<br>14:09 |
| S67 | 8     | S64 and S66  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2007/08/02<br>14:09 |
| S68 | 19582 | (Cable modem)                                      | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2007/08/02<br>14:12 |
| S69 | 170   | S68 with (MTA multimedia adj terminal adj adaptor) | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | OFF | 2007/08/02<br>14:37 |
| S70 | 11    | S56 and S69  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | OFF | 2007/08/02<br>14:13 |

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| S73 | 5      | S56 and S64                          | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/08/02<br>14:40 |
| S74 | 535593 | broadband or internet                | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/08/02<br>14:49 |
| S75 | 47001  | static same load                     | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/08/02<br>14:49 |
| S76 | 34592  | upstream same channel                | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/08/02<br>14:50 |
| S77 | 212685 | subscriber or subscribe              | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/08/02<br>14:50 |
| S78 | 4638   | MTA or "multimedia terminal adapter" | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/08/02<br>14:52 |

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| S79 | 3     | S75 same S76 same S77 same S78              | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/08/02<br>14:54 |
| S80 | 4     | (S75 same S76) and S77                      | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/08/02<br>14:54 |
| S81 | 39    | (S75 same S76)                              | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/08/02<br>15:01 |
| S82 | 3     | S81 and S78                                 | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/08/02<br>14:55 |
| S83 | 6     | S81 and S74                                 | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/08/05<br>20:26 |
| S84 | 10568 | 370/229,230,230.1,321,235,431,465,468.ccls. | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON | 2007/08/02<br>16:00 |

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| S85 | 7     | S84 and S60                            | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON  | 2007/08/02<br>15:32 |
| S86 | 11    | S84 and S69                            | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON  | 2007/08/02<br>15:37 |
| S87 | 20    | S84 and S78                            | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON  | 2007/08/02<br>16:00 |
| S88 | 10103 | upstream near3 channel                 | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2007/08/02<br>17:23 |
| S89 | 245   | predict\$3 with (load near3 balanc\$3) | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2007/08/02<br>17:27 |
| S90 | 6     | S88 and S89                            | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2007/08/02<br>17:07 |

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| S91 | 2477  | upstream near5 bandwidth | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2007/08/02<br>17:23 |
| S92 | 3     | S91 and S89              | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2007/08/02<br>17:24 |
| S93 | 41820 | (load near3 balanc\$3)   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2007/08/02<br>17:27 |
| S94 | 1     | S93 S88                  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2007/08/02<br>17:28 |
| S95 | 205   | S93 and S88              | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2007/08/02<br>17:28 |
| S96 | 105   | S95 and S91              | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2007/08/02<br>17:29 |

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| S97  | 2488 | 370/468.ccls.                                  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/09<br>14:12 |
| S98  | 4290 | (under adj utiliz\$3) or (over adj utiliz\$3)  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/05<br>19:53 |
| S99  | 49   | S97 and S98                                    | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/03<br>12:27 |
| S100 | 386  | (under adj utiliz\$5) and (over adj utiliz\$5) | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/03<br>14:42 |
| S101 | 7    | S97 and S100                                   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/03<br>14:32 |
| S102 | 284  | (under adj utiliz\$3) and (over adj utiliz\$3) | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/03<br>14:38 |



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| S103 | 5     | S97 and S102   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON | 2007/08/03<br>14:39 |
| S104 | 95    | ((under adj utiliz\$3) or (over adj utiliz\$3)) with usage | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON | 2007/08/03<br>14:44 |
| S105 | 1     | S97 and S104   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON | 2007/08/03<br>14:43 |
| S106 | 4290  | (under adj utiliz\$3) or (over adj utiliz\$3)              | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON | 2007/08/05<br>19:54 |
| S107 | 1421  | S106 and usage   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON | 2007/08/05<br>19:54 |
| S108 | 19588 | (Cable modem)  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/08/05<br>19:54 |

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| S109 | 69    | S107 and S108         | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON | 2007/08/06<br>11:50 |
| S110 | 133   | S106 and S108         | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON | 2007/08/05<br>20:05 |
| S111 | 34598 | upstream same channel | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/08/05<br>20:26 |
| S112 | 106   | S106 and S111         | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/08/05<br>20:26 |
| S113 | 1101  | upstream traffic      | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/08/06<br>13:53 |
| S114 | 24352 | (Load balanc\$4)      | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/08/06<br>13:53 |

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| S115 | 69    | S114 and S113                                 | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/08/07<br>16:38 |
| S117 | 1102  | upstream traffic                              | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/08/07<br>08:43 |
| S118 | 24370 | (Load balanc\$4)                              | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/08/07<br>08:43 |
| S119 | 69    | S118 and S117                                 | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/08/07<br>08:43 |
| S120 | 2     | S119 and (user adj profile)                   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/08/07<br>08:50 |
| S121 | 4292  | (under adj utiliz\$3) or (over adj utiliz\$3) | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON | 2007/08/07<br>08:50 |

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| S122 | 5     | S119 and S121                   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2007/08/07<br>08:50 |
| S124 | 1102  | upstream traffic                | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2007/08/07<br>15:52 |
| S125 | 24370 | (Load balanc\$4)                | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2007/08/07<br>15:52 |
| S126 | 69    | S125 and S124                   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2007/08/07<br>15:52 |
| S130 | 24704 | (call admission control) or CAC | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2007/08/09<br>09:30 |
| S131 | 1102  | upstream traffic                | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2007/08/08<br>10:43 |

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| S132 | 24372 | (Load balanc\$4)                | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2007/08/08<br>10:43 |
| S133 | 69    | S132 and S131                   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2007/08/08<br>10:43 |
| S134 | 5     | S130 and S133                   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2007/08/08<br>10:53 |
| S135 | 39    | S130 and S131                   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2007/08/08<br>10:53 |
| S136 | 24724 | (call admission control) or CAC | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2007/08/09<br>09:30 |
| S137 | 24425 | (Load balanc\$4)                | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2007/08/09<br>14:08 |

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| S138 | 171   | S136 and S137    | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2007/08/09<br>09:30 |
| S139 | 24420 | (Load balanc\$3) | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2007/08/09<br>18:13 |
| S140 | 171   | S136 and S139    | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2007/08/09<br>17:22 |
| S141 | 2494  | 370/468.ccls.    | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON  | 2007/08/09<br>14:12 |
| S142 | 4     | S141 and S140    | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON  | 2007/08/09<br>14:12 |
| S143 | 8     | "6845106"        | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2007/08/09<br>17:23 |

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| S144 | 169 | (Static Load balance\$3) | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2007/08/09<br>18:14 |
| S145 | 3   | S136 and S144            | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2007/08/09<br>18:14 |
| S146 | 8   | "6738825"                | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2007/08/14<br>09:49 |
| S147 | 17  | "6751200"                | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2007/08/14<br>09:49 |
| S148 | 2   | ("6751200").PN.          | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | OFF | 2007/08/14<br>09:50 |
| S149 | 2   | "7079972"                | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2007/08/14<br>14:21 |

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| S150 | 20055 | (Cable modem)                                    | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/09/10<br>13:09 |
| S151 | 240   | (MTA or (multimedia terminal adapter)) same S150 | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/09/10<br>13:15 |
| S152 | 24836 | (Load balanc\$4)                                 | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/09/10<br>13:10 |
| S153 | 2     | S151 same S152                                   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/09/10<br>13:10 |
| S154 | 35    | S151 and @pd<="20030417"                         | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/09/10<br>13:15 |
| S156 | 5     | S151 and S152                                    | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/09/10<br>13:15 |



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| S157 | 854 | 725/93,94,95,96,97.ccls.    | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON | 2008/02/28<br>12:36 |
| S158 | 174 | (static load balanc\$4)     | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/02/28<br>12:37 |
| S160 | 17  | (Predictive load balanc\$4) | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/02/28<br>15:42 |
| S161 | 854 | 725/93,94,95,96,97.ccls.    | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON | 2008/02/28<br>15:42 |
| S163 | 2   | S160 and MTA                | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/02/28<br>15:43 |
| S164 | 6   | S161 and MTA                | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON | 2008/02/28<br>15:44 |

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| S165 | 25  | (US-20070091922-\$ or US-20060126506-\$ or US-20040181800-\$ or US-20010049741-\$ or US-20030072264-\$ or US-20030058810-\$ or US-20010048670-\$ or US-20060262722-\$ or US-20030103527-\$ or US-20050025145-\$ or US-20020115421-\$ or US-20060117363-\$ or US-20060120282-\$ or US-20020073432-\$).did. or (US-7085287-\$ or US-7068597-\$ or US-6917628-\$ or US-7017176-\$ or US-6829486-\$ or US-6742187-\$ or US-6487170-\$ or US-6359863-\$ or US-5796724-\$).did. or (US-7017176-\$ or US-6742187-\$).did. | US-PGPUB;<br>USPAT;<br>DERWENT  | OR  | OFF | 2008/02/28<br>15:48 |
| S166 | 2   | S165 and MTA   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON  | 2008/02/28<br>15:49 |
| S167 | 1   | ((STEVEN) near2 (NOLLE)).INV.  | US-PGPUB;<br>USPAT; USOCR   | OR  | OFF | 2008/02/28<br>15:55 |
| S168 | 20  | ((BRIAN) near2 (BARKER)).INV.  | US-PGPUB;<br>USPAT; USOCR   | OR  | OFF | 2008/02/28<br>15:55 |
| S169 | 6   | ((ALAN) near2 (DOUCETTE)).INV.   | US-PGPUB;<br>USPAT; USOCR   | OR  | OFF | 2008/02/28<br>16:00 |
| S170 | 384 | S161 and @pd<="20030417"   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2008/02/28<br>16:18 |
| S171 | 1   | S170 and MTA   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON  | 2008/02/28<br>16:18 |
| S175 | 1   | ("6845106").PN.  | USPAT; USOCR  | OR  | OFF | 2008/02/28<br>19:45 |

2/ 29/ 2008 12:20:58 PM

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